



Image may be representation.  
See specifications for product details.



## MC9S08MM128CLK

Manufacturer Part Number	<b>MC9S08MM128CLK</b>
Manufacturer	<b>NXP Semiconductors</b>
Allelco Part Number	32D-MC9S08MM128CLK
ECAD Model	PCB Footprint and Symbol
Parts Description	IC MCU 8BIT 128KB FLASH 80FQFP
Package	80-LQFP
Data sheet	MC9S08MM128CLK.pdf
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

MC9S08MM128CLK - NXP USA Inc..New Original in Stock. Download Linear Technology MC9S08MM128CLK datasheet/specifications on AllelcoElec.com.  
Request a quote for MC9S08MM128CLK, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MC9S08MM128CLK Tech Specifications

MC9S08MM128CLK - NXP USA Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	NXP Semiconductors	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	1.8V ~ 3.6V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	80-FQFP (12x12)	Number of I/O	46
Speed	48MHz	Mounting Type	Surface Mount
Series	S08	EEPROM Size	-
RAM Size	12K x 8	Data Converters	A/D 8x16b; D/A 1x12b
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	128KB (128K x 8)	Core Processor	S08
Peripherals	LVD, POR, PWM, WDT	Connectivity	I <sup>2</sup> C, SCI, SPI, USB
Package / Case	80-LQFP	Base Product Number	MC9S08
Package	Tray		

### Parts with Similar Specifications

The three parts on the right have similar specifications to NXP USA Inc. MC9S08MM128CLK

Product Attribute				
Part Number	MC9S08MM128CLK	MC9S08MM64VLH	MC9S08MM128CMB	MC9S08LL64CLH
Manufacturer	NXP USA Inc.	NXP USA Inc.	Freescall Semiconductor	NXP USA Inc.
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Series	S08	S08	S08	S08
Voltage - Supply (Vcc/Vdd)	1.8V ~ 3.6V	1.8V ~ 3.6V	1.8V ~ 3.6V	1.8V ~ 3.6V
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Supplier Device Package	80-FQFP (12x12)	64-LQFP (10x10)	81-MAPBGA (10x10)	64-LQFP (10x10)
Number of I/O	46	33	47	37
Program Memory Size	128KB (128K x 8)	64KB (64K x 8)	128KB (128K x 8)	64KB (64K x 8)
Connectivity	I <sup>2</sup> C, SCI, SPI, USB	I <sup>2</sup> C, SCI, SPI, USB	I <sup>2</sup> C, SCI, SPI, USB	I <sup>2</sup> C, SCI, SPI
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 105°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Peripherals	LVD, POR, PWM, WDT	LVD, POR, PWM, WDT	LVD, POR, PWM, WDT	LCD, LVD, POR, PWM, WDT
RAM Size	12K x 8	12K x 8	12K x 8	4K x 8
Oscillator Type	Internal	Internal	Internal	Internal
Speed	48MHz	48MHz	48MHz	40MHz
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Core Processor	S08	S08	S08	S08
Package	Tray	Tray	Bulk	Tray
EEPROM Size	-	-	-	-
Base Product Number	MC9S08	MC9S08	MC9S08	MC9S08
Data Converters	A/D 8x16b; D/A 1x12b	A/D 6x16b; D/A 1x12b	A/D 8x16b; D/A 1x12b	A/D 8x12b
Package / Case	80-LQFP	64-LQFP	81-LBGA	64-LQFP

### MC9S08MM128CLK Datasheet PDF

Download MC9S08MM128CLK pdf datasheets and NXP USA Inc. documentation for MC9S08MM128CLK - NXP USA Inc..

#### PCN Packaging

All Dev Label Update 15/Dec/2020.pdf

Mult Dev Pkg Seal 15/Dec/2020.pdf

#### Environmental Information

NXP USA Inc REACH.pdf

NXP USA Inc RoHS Cert.pdf



Mult Dev Site Chgs 18/Dec/2020.pdf

## Customers Also Interested in

### Recommended Products

<b>MC9S08MM64VLH</b> NXP USA Inc. IC MCU 8BIT 64KB FLASH 64LQFP	<b>MC9S08MM128CMB</b> Freescale Semiconductor IC MCU 8BIT 128KB FLASH 81MAPBGA	<b>MC9S08LL64CLH</b> NXP USA Inc. IC MCU 8BIT 64KB FLASH 64LQFP	<b>MC9S08MM128CLH</b> NXP USA Inc. IC MCU 8BIT 128KB FLASH 64LQFP	<b>MC9S08MM128VLH</b> Freescale Semiconductor IC MCU 8BIT 128KB FLASH 64LQFP	<b>MC9S08LL16CLH</b> NXP USA Inc. IC MCU 8BIT 16KB FLASH 64LQFP
<b>MC9S08MM128VLK</b> NXP USA Inc. IC MCU 8BIT 128KB FLASH 80LQFP	<b>MC9S08MM64VLH</b> Freescale Semiconductor IC MCU 8BIT 64KB FLASH 64LQFP	<b>MC9S08LL64CLK</b> NXP USA Inc. IC MCU 8BIT 64KB FLASH 80LQFP	<b>MC9S08MM128CMB</b> NXP USA Inc. IC MCU 8BIT 128KB FLASH 81MAPBGA	<b>MC9S08LL16CLF</b> NXP USA Inc. IC MCU 8BIT 16KB FLASH 48LQFP	<b>MC9S08LL36CLH</b> NXP USA Inc. IC MCU 8BIT 36KB FLASH 64LQFP
<b>MC9S08MM128VLH</b> NXP USA Inc. IC MCU 8BIT 128KB FLASH 64LQFP	<b>MC9S08MP12VWL</b> NXP USA Inc. IC MCU 8BIT 12KB FLASH 28SOIC	<b>MC9S08MP16VLC</b> NXP USA Inc. IC MCU 8BIT 16KB FLASH 32LQFP	<b>MC9S08LL8CLF</b> Freescale Semiconductor IC MCU 8BIT 10KB FLASH 48LQFP	<b>MC9S08MP12VWL</b> Freescale Semiconductor IC MCU 8BIT 12KB FLASH 28SOIC	<b>MC9S08MM128CLH</b> Freescale Semiconductor IC MCU 8BIT 128KB FLASH 64LQFP

## Shipment

### Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

### Delivery Cost

- > Use your express account for shipment if you have one.
  - > Use our account for the shipment. Refer to the table below for the approximate charges.
- (Different time frame / countries / package size has different price.)

### Delivery Method

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

**Note:** The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

### Payment Support

The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -

Efficient Supply Management	Cost-Saving Procurement	Fast Sourcing & Delivery
-----------------------------	-------------------------	--------------------------

Contact us if you have any questions.

Phone +00852 9146 4856	Email info@allelco.com
---------------------------	---------------------------

### Certifications & Memberships



[View More](#)

### Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong  
Phone: +00852 9146 4856  
Fax: +00852 3010 8510  
Email: info@Allelco.com